

12-05-01

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11/02/01  
J1031 U.S. PTO

**NEW UTILITY PATENT APPLICATION  
TRANSMITTAL**

DOCKET NO  
KOL-10-5563  
TOTAL PAGES IN THIS SUBMISSION  
3

J1036 U.S. PTO  
10/002282  
11/02/01

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**  
**Box Patent Application**  
**Washington, D.C. 20231**

Transmitted herewith for filing under 35 USC 111(a) and 37 CFR 1.53(b) is a new utility patent application for an invention entitled:

**LOW TEMPERATURE NITROCARBURIZING SALT AND METHOD OF USE**

and invented by:

JAMES R. EASTERDAY  
JOHN E. PILZNIENSKI

**If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:**

☐ Continuation      ☐ Divisional      ☐ Continuation -in -part (CIP)  
in prior application No.: \_\_\_\_\_

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 18 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications (*if applicable*)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (*if applicable*)
  - d. ☐ Reference to Microfiche Appendix (*if applicable*)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (*if drawings filed*)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure
3. ☒ Drawing(s) (*when necessary as prescribed by 35 USC 113*)
  - a. ☐ Formal
  - b. ☐ Informal
 Number of Sheets 5
4. ☒ Oath or Declaration
  - a. ☐ Newly executed (*original or copy*)      ☒ Unexecuted
  - b. ☐ Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)
  - c. ☒ With Power of Attorney      ☐ Without Power of Attorney

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Application Elements (Continued)

5. ☐ Incorporation by Reference (*usable if Box 4b is checked*)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Computer Program in Microfiche (*Appendix*)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all must be included*)
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy (*identical to computer copy*)
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☐ Assignment Papers (*cover sheet & document(s)*)
9. ☐ 37 CFR 3.73(B) Statement (*when there is an assignee*)
10. ☐ English Translation Document (*if applicable*)
11. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard
14. ☒ Certificate of Mailing  
☐ First Class ☒ Express Mail (*Specify Label No.*): EL 751369006 US
15. ☒ Small Entity Status being claimed
16. ☐ Additional Enclosures (*please identify below*):

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**FEE CALCULATION AND TRANSMITTAL**

**CLAIMS AS FILED**

1) For	2) Number Filed	3) Number Extra	Rate	Additional Fee
TOTAL CLAIMS (37 CFR 1.16(c))	17 -20=	- 0 -	X\$ 9.00	\$- 0 -
INDEPENDENT CLAIMS (37 CFR 1.16(c))	2 - 3 =	- 0 -	X\$42.00	- 0 -
First Pres. Of Multiple Dep. Claims		= 0		
Basic Fee		= 0		\$370.00
			TOTAL	\$370.00

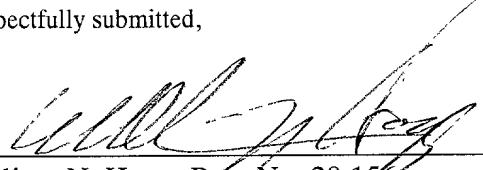
- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 500645 as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$370.00 as filing fee.
- ☒ Credit any overpayment or any deficiency.
- ☒ Charge any additional filing fees required under 37 CFR 1.16 and 1.17 to Account No. 500645.

Respectfully submitted,

Date:

Nov. 2, 2001

By:

  
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WNH:cg

Enclosures

Applicant(s): Easterday et al

Serial No.  
To be assigned

Examiner

### Group Art Unit

## AND METHOD OF USE

I hereby certify that this **Patent Application and accompanying documents** are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to : The Assistant Commissioner for Patents, Washington, D.C. 20231 on November 2, 2001,

(Typed or Printed Name of Person Mailing Correspondence)

Carol Giacomo  
(Signature of Person Mailing Correspondence)

(“Express Mail” Mailing Label Number)